

Preliminary Amendment

Applicant: Judith Maget et al.

Serial No.: 10/574,151

(Priority Application No. DE 103 45 195.1)

(International Application No. PCT/DE2004/002023)

Filed: March 29, 2006

(Priority Date: 29 September 2003)

(International Filing Date: 10 September 2004)

Docket No.: 1432.132.101/P32281

Title: INJECTION-LOCKED OSCILLATOR CIRCUIT

Please add Abstract as follows:

Abstract

An ILO circuit has a plurality of oscillator stages which are coupled to one another by means of a "tank lock" coupling. The coupling leads to an improved synchronization of the individual oscillator stages and thus to a reduced phase noise. Any desired LC oscillator topology can be used, not just the topology with PMOS and NMOS transistors. It is also possible to use SOI transistors, that is to say transistors formed on an SOI substrate. The bulk terminals of the transistors may be coupled not only to a supply voltage but, for example, also to a center potential, a reference voltage source, to ground, in floating fashion and/or to the source terminal.